

FACT SHEET: New Transient Public Water System

According to the Safe Drinking Water Act, any water system that supplies more than 25 people is classified as a public water system. A business, for example a restaurant or motel, that serves an average of at least 25 people per day but does not serve the same people for more than six months of the year would be categorized as a *transient non-community water system (TNC)*. For complete requirements for public water systems, please refer to Arizona Administrative Code Title 18, Chapter 4. You may obtain a copy from the office of the Arizona Secretary of State or online at www.sosaz.com. Following are major requirements for a new groundwater TNC system.

1. **New Source Approval.** The proposed source must obtain New Source Approval. For New Source Approval, you must submit a New Source Approval application, which includes a chemical analysis of all regulated contaminants in the source water, a copy of the Department of Water Resources registration, and, for a well, the well driller's log. There is also a review fee of \$250.
2. **Engineering Approval.** Arizona law requires that water system components, including treatment plants, wells, storage and pressure tanks, distribution mains, and booster pumps obtain approvals to construct and approvals of construction. The system must complete these applications and submit plans signed by a Professional Engineer along with required review fees. Please contact Steve Borst, P.E. at (602) 506-6672 for more information on engineering requirements.
3. **Certified Operator.** All public water system must obtain the services of a certified water operator. Operators monitor the water for various contaminants throughout the year, including bacteria, nitrate, and nitrite. A certified operator must inspect each well site a minimum of once per month. An employee or associate of the water system may wish to become certified. You may contact Brian Popadack of the Arizona Department of Environmental Quality (ADEQ) at (602) 207-4638 or refer to ADEQ's web site www.adeq.state.az.us for more information on operator certification.
4. **Operating Permit.** After the system receives New Source Approval, the Department will assign the system a new public water system identification number and send an application for a Maricopa County water system permit. You must return the signed application with the appropriate annual permit fee.

Public water systems that serve year-round residents or the same 25 or more persons for at least six months of the year may be required to meet different standards. If you have any questions, please contact Jenny Young, R.S. at (602) 506-0462 or jyoung@mail.maricopa.gov or Doug Taylor, R.S. at (602) 506-6631 or dtaylor@mail.maricopa.gov to discuss these and any additional requirements for a public water system in Maricopa County.